

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR02/02195

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC7 C07K 14/435		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7:C07K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korea Patent and Applications for Inventions since 1975		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubMed, Delphion, NCBI Blast, CA		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Jang W. S., et al. "Halocidin: a new antimicrobial peptide from hemocytes of the solitary tunicate, <i>Halocynthia aurantium</i> " FEBS Lett., Jun 19, 2002, Vol. 521(1-3): pages 81-86, See the whole document.	1-11
Y	Lee I. H., et al. "Dicynthaurin: an antimicrobial peptide from hemocytes of the solitary tunicate, <i>Halocynthia aurantium</i> " Biochim. Biophys. Acta., Aug. 15, 2001, Vol. 1527(3): pages 141-148, See the whole document.	1-11
Y	Azumi K., et al. "Halocyamines: novel antimicrobial tetrapeptide-like substances isolated from the hemocytes of the solitary ascidian <i>Halocynthia roretzi</i> " Biochemistry, Jan. 9, 1990, Vol. 29(1): pages 159-165, See the whole document.	1-11
A	Taylor S.W., et al. "Styelin D, an extensively modified antimicrobial peptide from ascidian hemocytes" J. Biol. Chem., Dec. 8, 2000, Vol 275(49): pages 38417-38426, See the abstract.	1-11
A	WO9820028A2 (Lehrer et al.), May 14, 1998, See the whole document.	1-11
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input checked="" type="checkbox"/> See patent family annex.
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>		
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Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer HAN, Hyung Mee Telephone No. 82-42-481-5601	

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR02/02195

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9820028 A2	May 14, 1998	US 6040293 US 6010876	Mar. 21, 2000 Jan. 04, 2000

WO 2004/048407 A1



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— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*